

ABSTRACT OF THE DISCLOSURE

FURNACE AND PROCESS FOR VITRIFICATION USING TWO HEATING
MEANS

Process for combustion and vitrification of waste in which at least one oxygen plasma jet is associated with a continuous melting device by high frequency direct induction (4). The crucible is composed of a
5 continuous external shell (1) and a sole plate (2), both cooled by a liquid circulating in internal channels. The inductor is placed below the sole plate. There is a gravity drain valve at the bottom or on the side.

10 Figure 1.